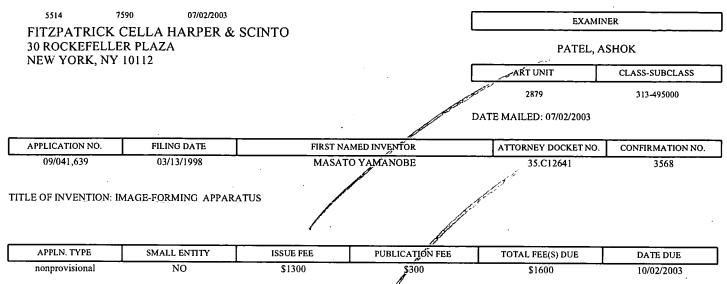




United States Patent and Trademark Office

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

NOTICE OF ALLOWANCE AND FEE(S) DUE



THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE REFLECTS A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE APPLIED IN THIS APPLICATION. THE PTOL-85B (OR AN EQUIVALENT) MUST BE RETURNED WITHIN THIS PERIOD EVEN IF NO FEE IS DUE OR THE APPLICATION WILL BE REGARDED AS ABANDONED.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

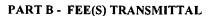
If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

- A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.
- B. If the status is changed, pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above and notify the United States Patent and Trademark Office of the change in status, or

If the SMALL ENTITY is shown as NO:

- A. Pay TOTAL FEE(S) DUE shown above, or
- B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check the box below and enclose the PUBLICATION FEE and 1/2 the ISSUE FEE shown above.
- Applicant claims SMALL ENTITY status. See 37 CFR 1.27.
- II. PART B FEE(S) TRANSMITTAL should be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). Even if the fee(s) have already been paid, Part B Fee(s) Transmittal should be completed and returned. If you are charging the fee(s) to your deposit account, section "4b" of Part B Fee(s) Transmittal should be completed and an extra copy of the form should be submitted.
- III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Box ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.



Complete and send this form, together with applicable fee(s), to: Mail Mail Stop ISSUE FEE

Commissioner for Patents Alexandria, Virginia 22313-1450

Fax (703)746-4000

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 4 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for resistance fee activities tions. maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Legibly mark-up with any corrections or use Block 1) Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission. 07/02/2003 FITZPATRICK CELLA HARPER & SCINTO 30 ROCKEFELLER PLAZA Certificate of Mailing or Transmission I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Box Issue Fee address above, or being facsimile transmitted to the USPTO, on the date indicated below. NEW YORK, NY 10112 (Depositor's name) (Signature) (Date) APPLICATION NO. FILING DATE FIRST NAMED INVENTOR ATTORNEY DOCKET NO. CONFIRMATION NO. 09/041,639 03/13/1998 MASATO YAMANOBE 35.C12641 3568 TITLE OF INVENTION: IMAGE-FORMING APPARATUS APPLN. TYPE SMALL ENTITY ISSUE FEE PUBLICATION FEE TOTAL FEE(S) DUE DATE DUE nonprovisional NO \$1300 \$300 \$1600 10/02/2003 **EXAMINER** ART UNIT CLASS-SUBCLASS PATEL, ASHOK 2879 313-495000 Change of correspondence address or indication of "Fee Address" (37 CFR 1.363). 2. For printing on the patent front page, list (1) the names of up to 3 registered patent attorneys or agents OR, alternatively, (2) the name of a ☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached. single firm (having as a member a registered attorney or agent) and the names of up to 2 ☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required. registered patent attorneys or agents. If no name is listed, no name will be printed. 3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type) PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. Inclusion of assignee data is only appropriate when an assignment has been previously submitted to the USPTO or is being submitted under separate cover. Completion of this form is NOT a substitute for filing an assignment. (A) NAME OF ASSIGNEE (B) RESIDENCE: (CITY and STATE OR COUNTRY) Please check the appropriate assignee category or categories (will not be printed on the patent) individual Corporation or other private group entity Quernment 4a. The following fee(s) are enclosed: 4b. Payment of Fee(s): A check in the amount of the fee(s) is enclosed. ☐ Issue Fee ☐ Payment by credit card. Form PTO-2038 is attached. ☐ Publication Fee The Commissioner is hereby authorized by charge the required fee(s), or credit any overpayment, to Deposit Account Number _____(enclose an extra copy of this form). ☐ Advance Order - # of Copies

Commissioner for Patents is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above. (Authorized Signature) (Date)

NOTE; The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Alexandria, Virginia 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.



UNITED STATES PATENT AND TRADEMARK OFFICE

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APPLICATION NO.	FII	LING DATE	FIRST NAME	ED INVENTOR	ATTO	ORNEY DOCKET NO.	CONFIRMATION NO.
09/041,639	0	03/13/1998		MASATO YAMANOBE		35.C12641	3568
5514	7590	07/02/2003				EXAMINER	
FITZPATRICK CELLA HARPER & SCINTO 30 ROCKEFELLER PLAZA					PATEL, ASHOK		
NEW YORK, N		ZA.			ART UNIT PAPER N		PAPER NUMBER
						2879	
					DATE MAILED: 07/02/2002		

Determination-of-Patent Term Adjustment-under 35-U.S.C. 154-(b) (application filed on or after May 29, 2000)

The patent term adjustment to date is 0 days. If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the term adjustment will be 0 days.

If a continued prosecution application (CPA) was filed in the above-identified application, the filing date that determines patent term adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) system. (http://pair.uspto.gov)

Any questions regarding the patent term extension or adjustment determination should be directed to the Office of Patent Legal Administration at (703)305-1383.



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09/041,639	03/13/1998	MASATO YAMANOBE	35.C12641	3568	
5514 75	90 07/02/2003		EXAMINER .		
FITZPATRICK C	CELLA HARPER & SCIN	PATEL, ASHOK			
NEW YORK, NY		•	ART UNIT PAPER NUMBER		
UNITED STATES			2879		
			DATE MAILED: 07/02/2003		

Notice of Fee Increase on January 1, 2003

If-a-reply to a "Notice of Allowance and Fee(s)-Due" is-filed in-the-Office on or after January 1, 2003, then the amount due will be higher than that set forth in the "Notice of Allowance and Fee(s) Due" since there will be an increase in fees effective on January 1, 2003. See Revision of Patent and Trademark Fees for Fiscal Year 2003: Final Rule, 67 Fed. Reg. 70847, 70849 (November 27, 2002).

The current fee schedule is accessible from: http://www.uspto.gov/main/howtofees.htm.

If the issue fee paid is the amount shown on the "Notice of Allowance and Fee(s) Due," but not the correct amount in view of the fee increase, a "Notice to Pay Balance of Issue Fee" will be mailed to applicant. In order to avoid processing delays associated with mailing of a "Notice to Pay Balance of Issue Fee," if the response to the Notice of Allowance and Fee(s) due form is to be filed on or after January 1, 2003 (or mailed with a certificate of mailing on or after January 1, 2003), the issue fee paid should be the fee that is required at the time the fee is paid. If the issue fee was previously paid, and the response to the "Notice of Allowance and Fee(s) Due" includes a request to apply a previously-paid issue fee to the issue fee now due, then the difference between the issue fee amount at the time the response is filed and the previously paid issue fee should be paid. See Manual of Patent Examining Procedure, Section 1308.01 (Eighth Edition, August 2001).

Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at (703) 305-8283.

		•		
	Application No.	Applicant(s)	Applicant(s)	
	09/041,639	YAMANOBE ET AL.		
Notice of Allowability	Examiner	Art Unit		
	Ashok Patel	2879		
The MAILING DATE of this communication All claims being allowable, PROSECUTION ON THE MERIT herewith (or previously mailed), a Notice of Allowance (PTOI NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATE of the Office or upon petition by the applicant. See 37 CFR	S IS (OR REMAINS) CLOSED L-85) or other appropriate common RIGHTS. This application is 1.313 and MPEP 1308.	in this application. If not include munication will be mailed in due	ded e course. THIS	
 This communication is responsive to <u>CPA request files</u> The allowed claim(s) is/are <u>3-6,9,11,14-23 and 26-30</u> 				
 The allowed claim(s) is/are 3-6,9,77,74-23 and 20-30 The drawings filed on 13 March 1998 are accepted by 				
 4. Acknowledgment is made of a claim for foreign priorit 	•	or (f)		
a) ☐ All b) ☐ Some* c) ☐ None of the:	.,	o. (.).		
1. Certified copies of the priority documents	have been received.			
2. Certified copies of the priority documents	have been received in Applicat	tion No		
3. Copies of the certified copies of the priori	ty documents have been receiv	ed in this national stage applica	ation from the	
International Bureau (PCT Rule 17.2(a	a)).			
* Certified copies not received:				
5. Acknowledgment is made of a claim for domestic prio	rity under 35 U.S.C. § 119(e) (to	o a provisional application).		
(a) The translation of the foreign language provision	onal application has been receiv	ved.		
6. Acknowledgment is made of a claim for domestic prio	rity under 35 U.S.C. §§ 120 and	i/or 121.		
Applicant has THREE MONTHS FROM THE "MAILING DAT below. Failure to timely comply will result in ABANDONMEN	FE" of this communication to file	a reply complying with the req	uirements noted	
7. A SUBSTITUTE OATH OR DECLARATION must be INFORMAL PATENT APPLICATION (PTO-152) which gives	submitted. Note the attached Es reason(s) why the oath or dec	XAMINER'S AMENDMENT or laration is deficient.	NOTICE OF	
8. CORRECTED DRAWINGS must be submitted.				
(a) ☐ including changes required by the Notice of Draf1) ☐ hereto or 2) ☐ to Paper No	tsperson's Patent Drawing Rev	iew (PTO-948) attached		
(b) including changes required by the proposed draw	wing correction filed, wh	nich has been approved by the	Examiner.	
(c) including changes required by the attached Exar	-	• • • • • • • • • • • • • • • • • • • •		
Identifying indicia such as the application number (see 37 (CFR 1.84(c)) should be written on	the drawings in the front (not th	e back) of	
9. DEPOSIT OF and/or INFORMATION about the cattached Examiner's comment regarding REQUIREMENT F	deposit of BIOLOGICAL MA OR THE DEPOSIT OF BIOLOG	TERIAL must be submitted. GICAL MATERIAL.	Note the	
Attachment(s)				

1) hereto or 2) to Paper No. (b) including changes required by the proposed drawing (c) including changes required by the attached Examir Identifying indicia such as the application number (see 37 CF each sheet. 9. DEPOSIT OF and/or INFORMATION about the de attached Examiner's comment regarding REQUIREMENT FOR Attachment(s) 1 ☐ Notice of References Cited (PTO-892) 2 Notice of Informal Patent Application (PTO-152) 3 Notice of Draftperson's Patent Drawing Review (PTO-948) 4 Interview Summary (PTO-413), Paper No.____. 5⊠ Information Disclosure Statements (PTO-1449), Paper No. [9,2]. 6 Examiner's Amendment/Comment 7 Examiner's Comment Regarding Requirement for Deposit 8 ☐ Examiner's Statement of Reasons for Allowance of Biological Material 9 Other

Ashok Patel **Primary Examiner** Art Unit: 2879